

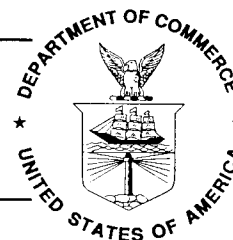
National Institute  
of Standards and Technology



National Voluntary  
Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990  
ANSI/NCSL Z540-1-1994  
ISO 9002:1987

## Scope of Accreditation



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### CALIBRATION LABORATORIES

NVLAP LAB CODE 105023-0

#### INSTRON FORCE CALIBRATION LABORATORY

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URL: <http://www.instron.com>

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>notes 1,2,3</sup></i>	<i>Remarks</i>
<b>MECHANICAL</b>			
20/M06			
Force			
	Applied Force in Pounds		
	0.1 to 130000	0.005%	Primary Standard
	130000 to 240000	0.005%	Secondary Standard

1. Represents an expanded uncertainty using a coverage factor,  $k=2$ .
2. Uncertainty of the voltage ratio is  $<0.1$  microvolt per volt.
3. Uncertainty of the measured value is determined by the statistics of the test and the artifact tested but are typically better than  $\pm 0.05\%$  for class AA instruments,  $\pm 0.25\%$  for class A instruments and  $\pm 0.1\%$  for class A1 instruments.

September 30, 2000

Effective through

A handwritten signature in black ink, appearing to read "Jan L. Galt".  
For the National Institute of Standards and Technology